

NOvA Operations Status

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Detector Operations

02/22 — 02/29

FarDet: Single (unscheduled) DAQ downtime

BEAM DOWN during this DAQ downtime — no data lost!

Feb 23 @ 03:55 (50 min): DataLogger timeout; first in several weeks. Has not repeated.

NearDet: Single (unscheduled) DAQ downtime

Feb 22 @ 13:42 (10 min): “RunControl disconnect error”. Just needed to restart RunControl and restart run.

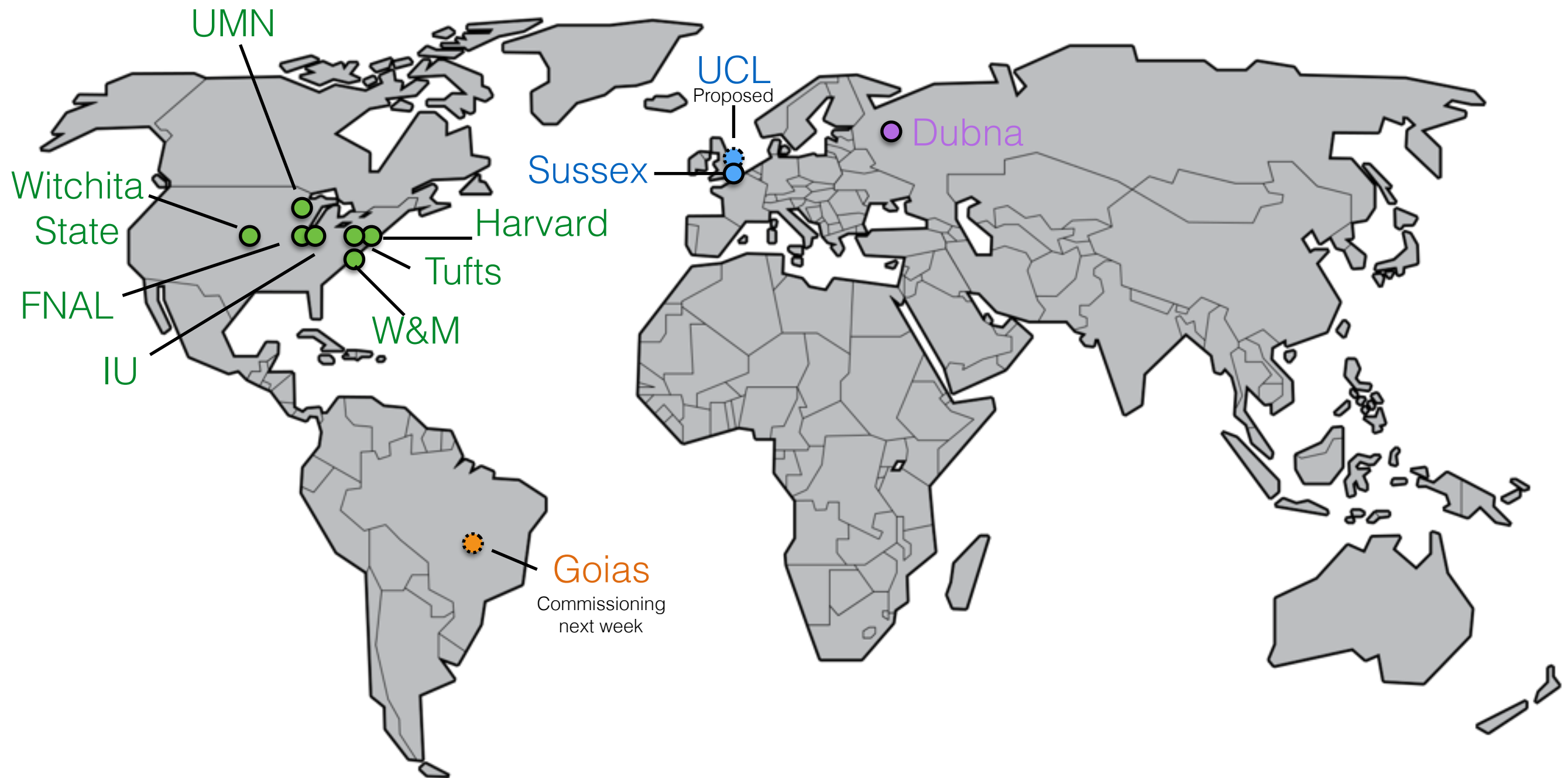
Maintenance: FarDet and NearDet

FD, Feb 23: Swapped FEBs at 11 locations; swapped out one APD. Chiller work.

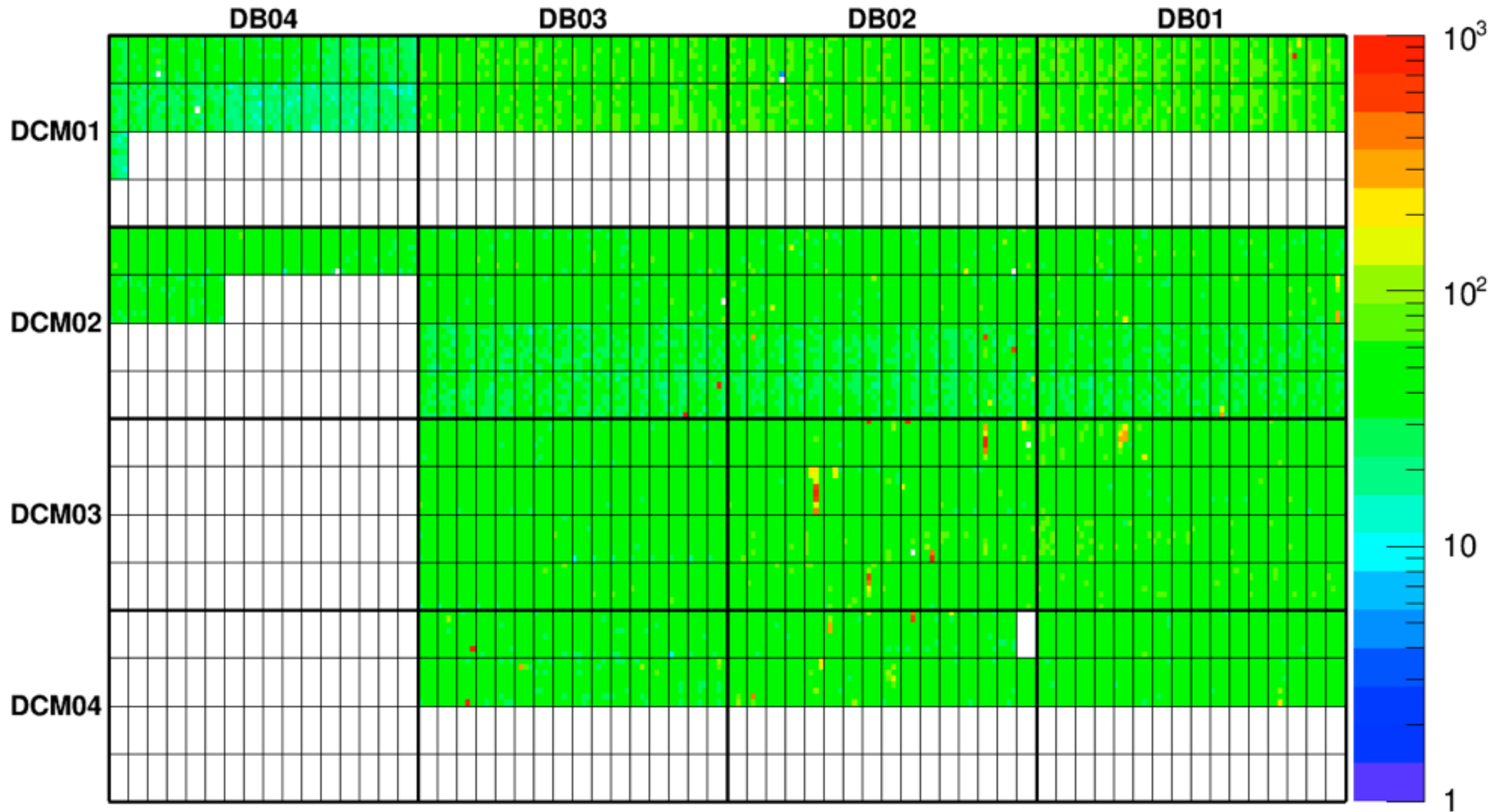
FD, Feb 24: No interruption to data-taking: hard drive failure on RAID disk datadisk-04, position 05. Coordinated swap with Etta Burns at FNAL. New drive in place and working well.

ND, Feb 23: Looked at a pair of cables that might have been swapped; checked connection on another two cables.

NOvA's ROC Network will soon span four countries!

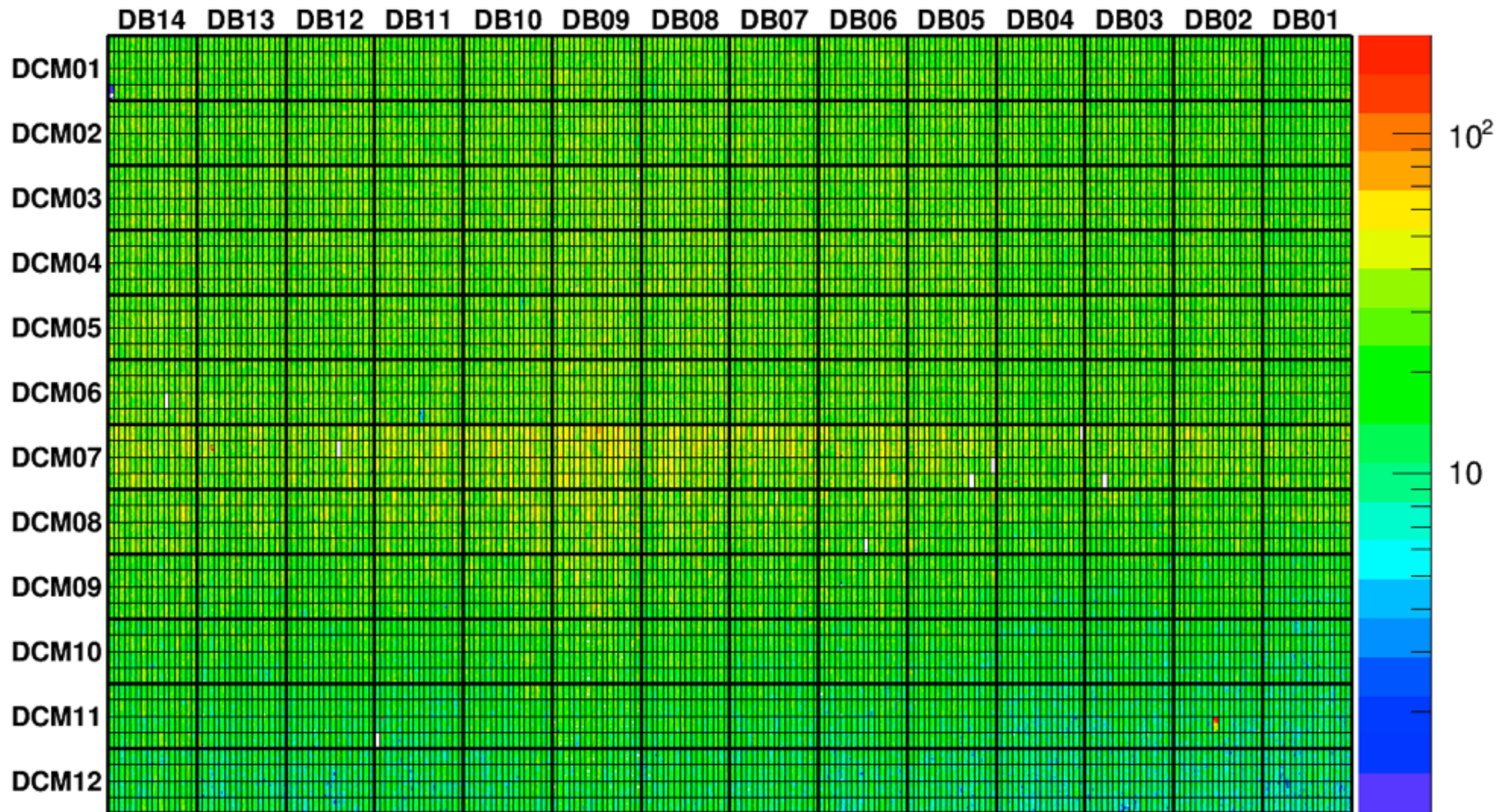


NearDet FEB MIP Hit Rates (by pixel)



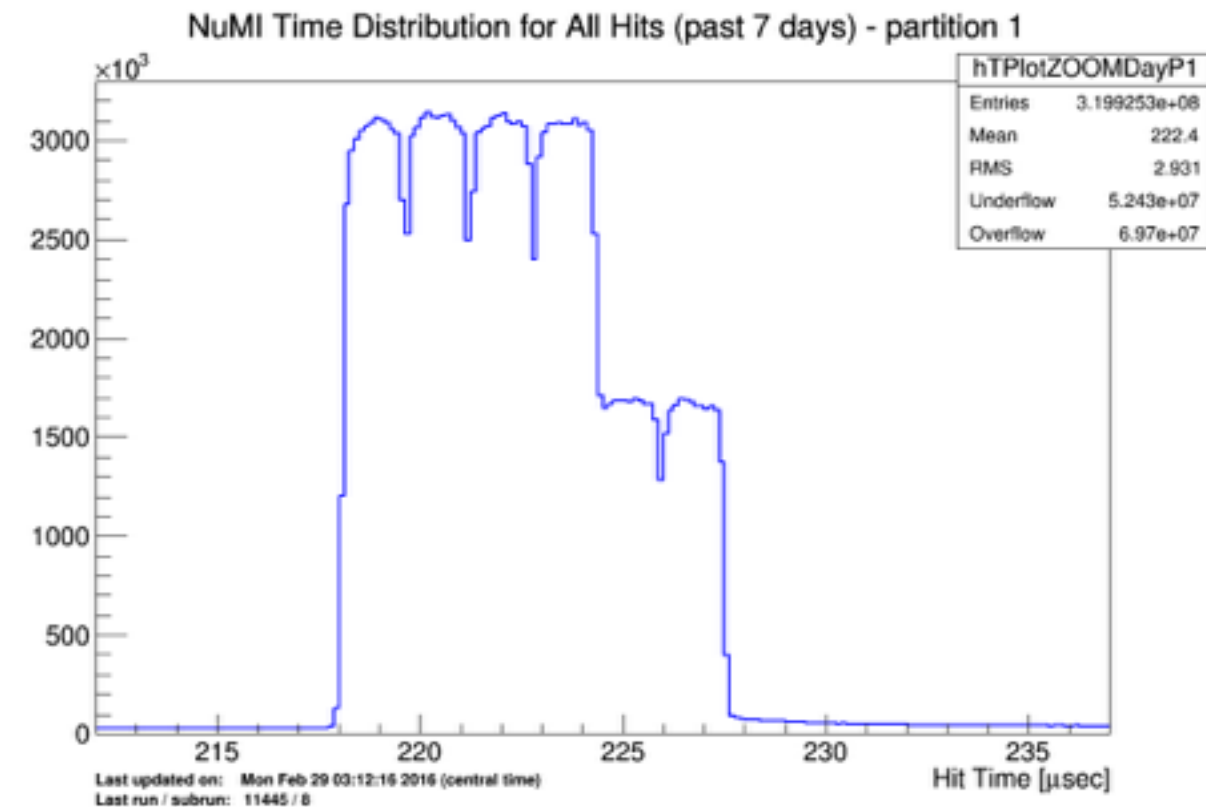
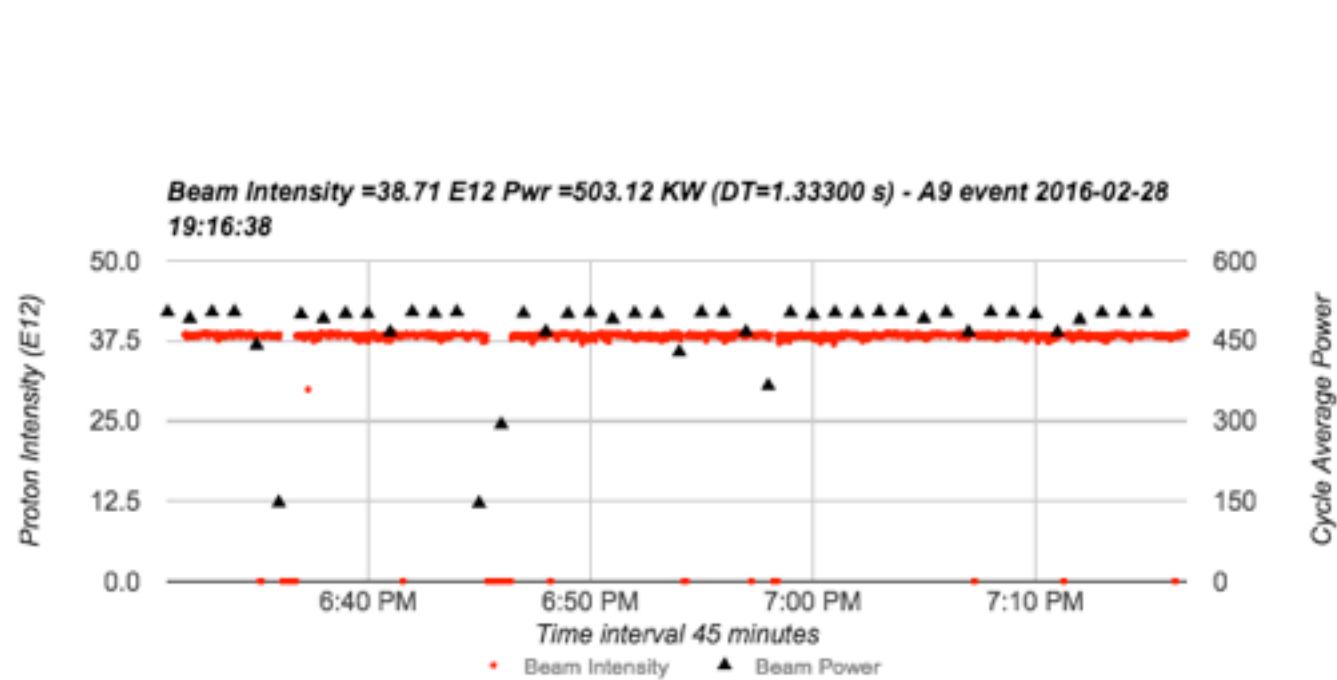
PixelHitRateMapMipADC :
/nova/data/nearline-OnMon/NearDet/S15-11-06/000114/00011445/100/neardet_nearline_r00011445_s013.onmon.root
Mon Feb 29 15:20:22 2016 (UTC)

FarDet: FEB MIP Hit Rates (by pixel)



PixelHitRateMapMipADC :
/nova/data/nearline-OnMon/FarDet/S15-11-06/00022365/t02-t00/farDet_nearline_r00022365_s032.onmon.root
Mon Feb 29 15:23:57 2016 (UTC)

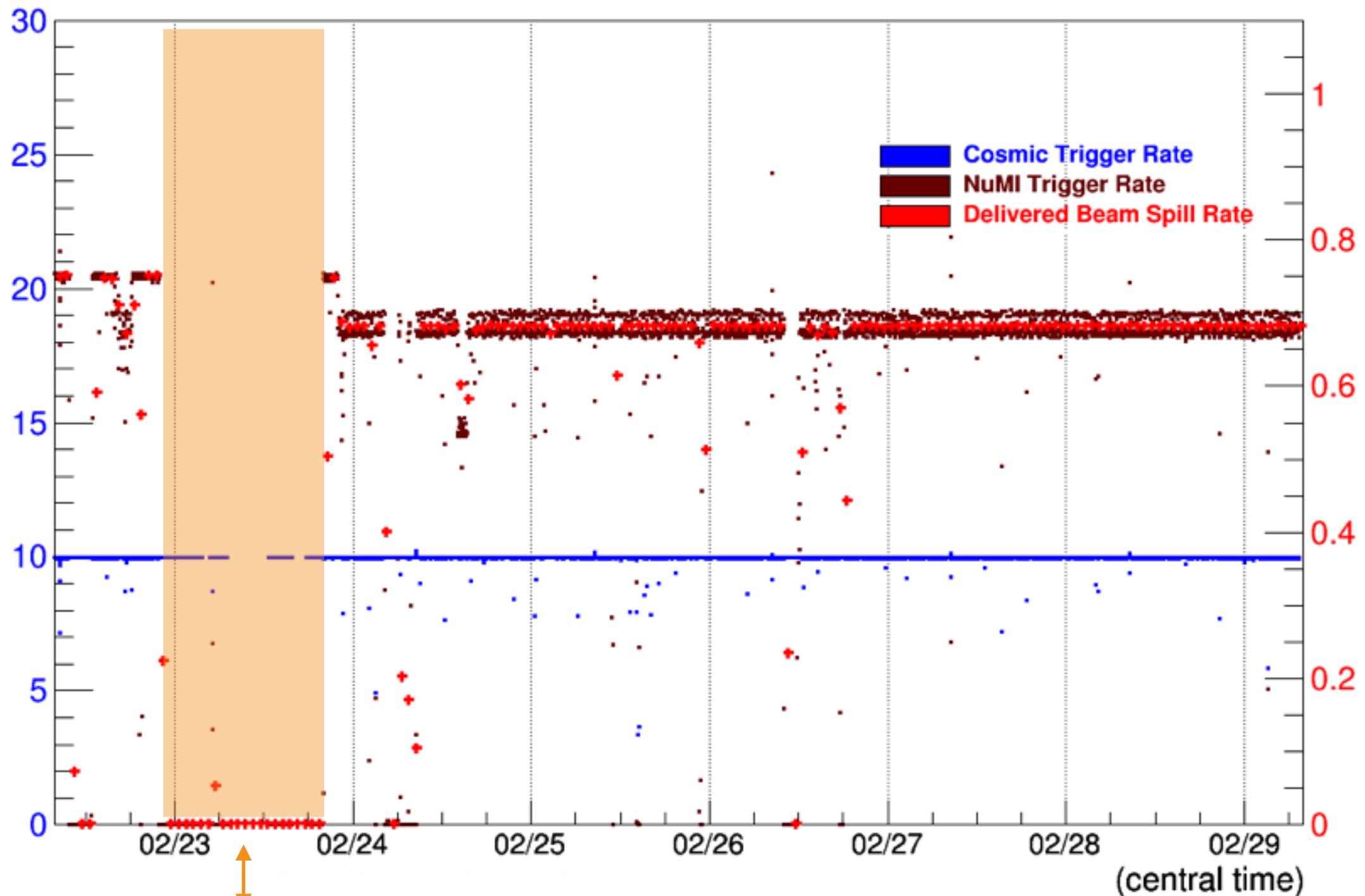
4+6 slip stacking, ~500 kW!



Plots taken from this morning

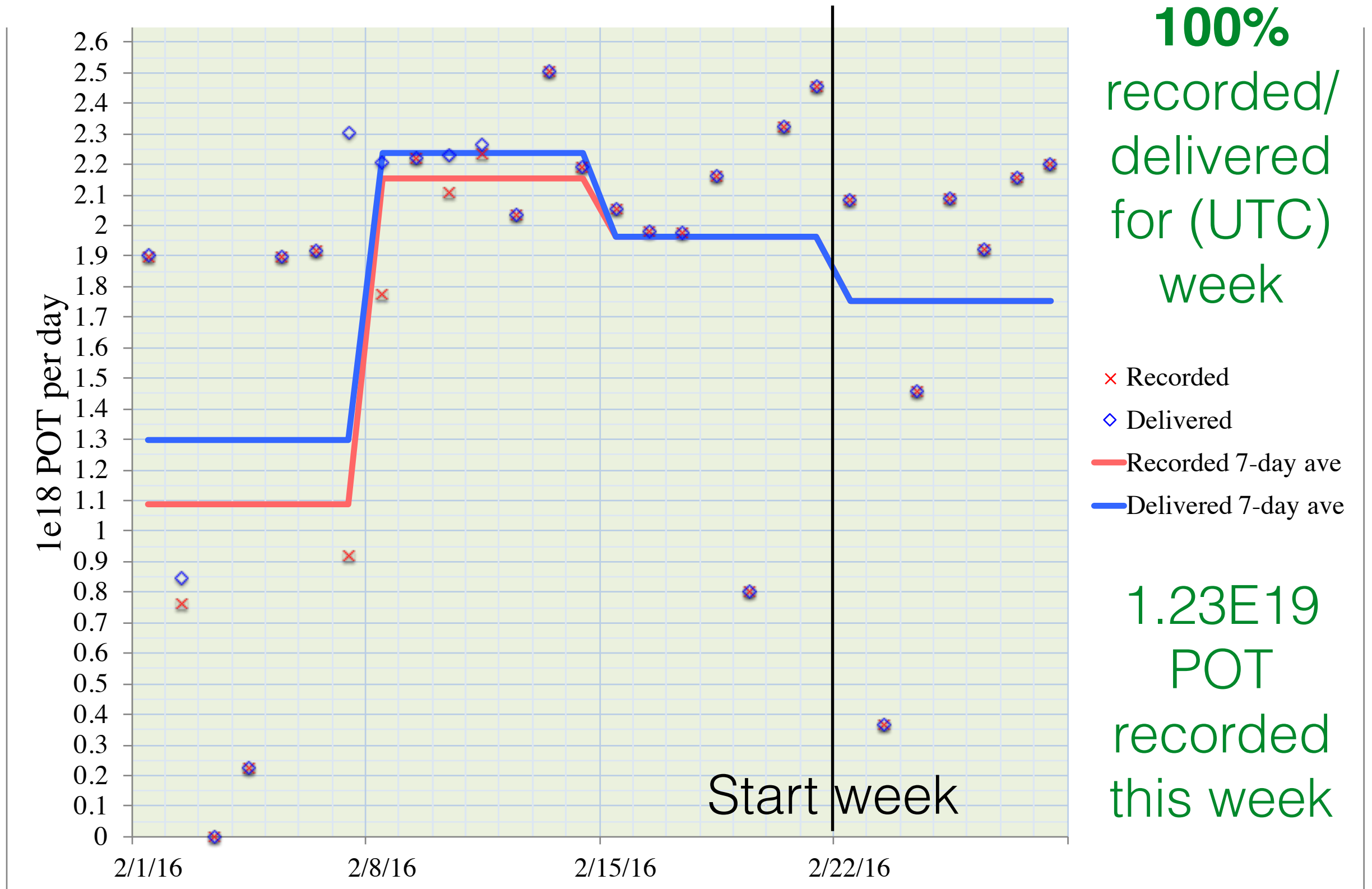
Great week for recording POTs

Plot shown is for FD



NuMI downtime for switchyard
septa and NuMI decay pipe heat exchanger work

FD: Accumulated POTs



FD: Protons Recorded / Delivered

